

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Han-Gu Sohn et al.

Date: December 2, 2004

Serial No.: 10/732,868

Filed: December 10, 2003

For: **CIRCUITS AND METHODS FOR PROVIDING VARIABLE DATA
I/O WIDTH FOR SEMICONDUCTOR MEMORY DEVICES**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

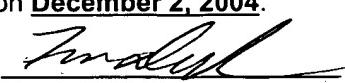
Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 2, 2004.

Dated: December 2, 2004


Frank V. DeRosa

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

- [] This information disclosure statement is being filed within three (3) months of the filing date of this application.
- [] This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application.
- To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.
- [] Statement under 37 C.F.R. § 1.97(e):
I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this statement.

- Enclosed herewith is a petition under 37 C.F.R. § 1.97(d)(ii).
- Enclosed by check is the petition fee of \$130.00. (37 C.F.R. § 1.17(i)(1))
- Please charge the fee of \$130.00 for petition fee by **Credit Card Payment Form PTO-2038** enclosed herewith.
- Enclosed by check is the \$180.00 fee required by 37 C.F.R. § 1.17(p).
- Please charge the fee of \$180.00 fee required by 37 C.F.R. § 1.17(p) by **Credit Card Payment Form PTO-2038** enclosed herewith.
- Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account **50-0679**. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. **50-0679** therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

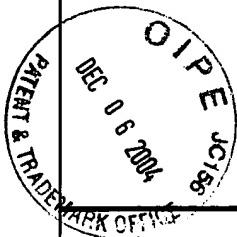
Respectfully submitted,

By:


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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 8729-226 (SS-20062-US)	SERIAL NO. 10/732,868
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Han-Gu Sohn et al.	
		FILING DATE December 10, 2003	GROUP ART UNIT



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4660181	04/21/1987	Saito et al.	365	230	
		4706219	11/10/1987	Miyata et al.	365	189	
		5408628	04/18/1995	Ameti	395	425	

FOREIGN PATENT DOCUMENTS

		PUBLICATION NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT TRANSLATION	
							YES	NO
	EP	0 945 783	09/29/1999	European Patent Office	G06F	9/30		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])